

PATENT**IN THE CLAIMS
PENDING CLAIMS AS AMENDED**

Please amend the claims as follows:

1. (Currently Amended) In a system for encoding digital video, the digital video comprising an anchor frame and at least one subsequent frame, the anchor frame and each subsequent frame comprising a plurality of pixel elements, a method of interframe coding, the method comprising:

converting the plurality of pixels of the anchor frame and each subsequent frame from pixel domain elements to ~~[[the]]~~ frequency domain elements, the frequency domain elements capable of being represented as DC elements and AC elements;

quantizing the frequency domain elements to emphasize those elements that are more sensitive to the human visual system and de-emphasize those elements that are less sensitive to the human visual system; and

determining the difference between each quantized frequency domain element of the anchor frame and corresponding quantized frequency domain elements of each subsequent frame.

2. (Original) The method as set forth in Claim 1, wherein the act of converting utilizes discrete cosine transforms (DCT).

3. (Original) The method as set forth in Claim 2, wherein the act of converting further utilizes discrete quadtree transforms (DQT).

4. (Original) The method as set forth in Claim 1, wherein the act of quantizing further comprises weighting the elements using a frequency weighted mask.

5. (Original) The method as set forth in Claim 4, wherein the act of quantizing further comprises utilizing a quantizer step function.

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6. (Original) The method as set forth in Claim 1, wherein four subsequent frames are compared against the anchor frame.

7. (Original) The method as set forth in Claim 1, wherein only the difference